Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	27658	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:32
S2	11040	S1 and ((MUX OR DMUX) or (multiplex$4 or demultiplex$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:38
S3	923	S2 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:33
S4	686	S3 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:34
S5	478	S3 and (phase same (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:37
S6	305	S3 and (phase with (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 18:03
S7	1322	"l7" and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:37
S8	162	S6 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:58

S9	39	S8 and (coupl$4 with ratio$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 18:02
S10	9	S9 and (((MUX OR DMUX) or (multiplex$4 or demultiplex$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:56
S11	7	S10 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:56
S12	234	S5 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:56
S13	54	S12 and (coupl$4 with ratio$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:56
S14	13	S13 and (((MUX OR DMUX) or (multiplex$4 or demultiplex$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 17:56
S15	10	S14 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 18:04
S16 .	305	S3 and (phase with (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order) (multipl$3 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 18:00

S17	143	S3 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order))).	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 10:57
S18	121	S17 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/06 18:20
S19	86	S18 and ("delay line")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:30
S20	27693	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:07
S21	11066	S20 and ((MUX OR DMUX) or (multiplex$4 or demultiplex$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:09
S22	924	S21 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:09
S23	24	S22 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 13:25
S24	667	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 14:50

S25	199	S24 and ((MUX OR DMUX) or (multiplex$4 or demultiplex$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:09
S26	28	S25 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:09
S27	12	S25 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:10
S28	1	("0382461").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2005/06/07 11:36
S29	0	EP0382461	US-PGPUB; USPAT	OR	ON	2005/06/07 11:47
S30	0	EP0382461	US-PGPUB; USPAT; EPO	OR	ON	2005/06/07 11:47
S31	0	EP1426800	US-PGPUB; USPAT; EPO	OR	ON	2005/06/07 11:47
S32	0	("ep1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 11:48
S33	2	("1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 11:54
S34	0	("0382461").PN.	EPO; JPO	OR	OFF	2005/06/07 11:54
S35	0	"0382461".xa.	EPO	OR	ON	2005/06/07 12:39
S36	4	(("20020172447") or ("20020044712") or ("5596661") or ("5488680")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/07 12:40
S37	294	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/06/07 13:24
S38	3	S37 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 15:52

S39	28085	(S20 or S24 or S37)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 14:50
S40	25252	S39 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 14:50
S41	549	S40 and ((MUX DMUX multiplex$4 demultiplex$4) with (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 14:53
S42	7	S40 and ((MUX DMUX multiplex$4 demultiplex$4) with (MZI interferometer (mach adj3 zehnder)) same (delay near2 line$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 16:58
S43	56	S40 and ((MUX DMUX multiplex$4 demultiplex$4) with (MZI interferometer (mach adj3 zehnder))and (delay near2 line$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 14:58
S44	0	S43 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 16:14
S45	2	S43 and (phase with (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 15:55
S46	52	S43 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 15:55

S47	160	S39 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:25
S48	85	S47 and (delay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 16:57
S49	18	S48 and ((slab\$2 or bloc\$4) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 16:29
S50	42	S48 and ((slab\$2 or bloc\$4 planar\$4 or chip\$3) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 16:29
S51	24	S50 not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 16:30
S52	22	(US-20040081393-\$ or US-20030086647-\$ or US-20030072522-\$ or US-20050105865-\$ or US-20050089274-\$ or US-20030063860-\$ or US-20020131693-\$ or US-20020102052-\$ or US-20030053754-\$ or US-20020015554-\$ or US-20010010739-\$).did. or (US-6882772-\$ or US-6870974-\$ or US-6636662-\$ or US-6192167-\$ or US-6002522-\$ or US-6741763-\$ or US-6892021-\$ or US-6185345-\$ or US-6711313-\$ or US-6690855-\$ or US-6836601-\$).did.	US-PGPUB; USPAT	OR	ON	2005/06/07 16:34
S53	11	S52 and (AWG or (array\$4 with waveguide\$3 with grating\$2))	US-PGPUB; USPAT	OR	ON	2005/06/07 16:34

S54	1	S48 and ((MUX DMUX multiplex$4 demultiplex$4) same (MZI interferometer (mach adj3 zehnder)) same (delay near2 line$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 16:58
S55	4	S48 and ((MUX DMUX multiplex$4 demultiplex$4) same (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:29
S56	24	S48 and ((MUX DMUX multiplex$4 demultiplex$4) and (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 17:06
S57	8	("3600594" | "4296319" | "5373526" | "5414548" | "5448417" | "5793907" | "5800950" | "6205092").PN. OR ("6456760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 17:03
S58	24	S56 and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 17:06
S59	1	("20040136647").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/07 17:20
S60	15	S52 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:26
S61	15	S52 and (phase near3 (polynomial$2 quadratic$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:28
S62	15	S52 and (phase with (polynomial$2 quadratic$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:29

S63	381	S40 and (phase with (polynomial$2 quadratic$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:29
S64	32	S63 and ((MUX DMUX multiplex$4 demultiplex$4) same (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:30
S65	2	S64 and (delay near2 line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 18:30
S66	27693	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 09:59
S67	667	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 09:59
S68	294	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/06/08 09:59
S69	28085	(S66 or S67 or S68)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 09:59
S70	160	S69 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 09:59
S71	85	S70 and (delay$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 09:59

S72	42	S71 and ((slab$2 or bloc$4 planar$4 or chip$3) with (waveguide$3 or fiber$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 09:59
S73	93	385/39,40,15,49.ccls. and ((MZI or interferometer$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/06/08 10:43
S74	15	S73 and (delay with phase)	US-PGPUB; USPAT	OR	ON	2005/06/08 10:44
S75	220	385/14-52,129.ccls. and ((MZI or interferometer$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:18
S76	35	S75 and (delay with phase)	US-PGPUB; USPAT	OR	ON	2005/06/08 10:44
S77	20	S76 not S74	US-PGPUB; USPAT	OR	ON	2005/06/08 10:44
S78	22	(US-20010010739-$ or US-20020015554-$ or US-20020102052-$ or US-20020131693-$ or US-20030053754-$ or US-20030063860-$ or US-20030072522-$ or US-20030086647-$ or US-20040081393-$ or US-20050089274-$ or US-20050105865-$).did. or (US-6002522-$ or US-6185345-$ or US-6192167-$ or US-6636662-$ or US-6690855-$ or US-6711313-$ or US-6741763-$ or US-6836601-$ or US-6870974-$ or US-6882772-$ or US-6892021-$).did.	US-PGPUB; USPAT	OR	ON	2005/06/08 10:44
S79	3	S78 and (slab$3)	US-PGPUB; USPAT	OR	ON	2005/06/08 10:45
S80	0	S78 and (transvers$6 with (filter$4 grating$2))	US-PGPUB; USPAT	OR	ON	2005/06/08 11:10
S81	688	"385"/$.ccls. and (transvers$6 with (filter$4 grating$2))	US-PGPUB; USPAT	OR	ON	2005/06/08 11:11
S82	242	"385"/$.ccls. and (transvers$6 near2 (filter$4 grating$2))	US-PGPUB; USPAT	OR	ON	2005/06/08 11:12
S83	11	"385"/$.ccls. and (transvers$6 near2 (filter$4 grating$2) with (MUx dmux multiplex$4 demultiplex$4))	US-PGPUB; USPAT	OR	ON	2005/06/08 11:54
S84	6	S83 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/06/08 14:11
S85	7	"385"/$.ccls. and ((slab$1 planar$2 chip$2 bloc$2) near2 (wave adj2 guide$2) with (AWG or (array$3 with waveguide with grating$2)))	US-PGPUB; USPAT	OR	ON	2005/06/08 14:16

S86	8	"385"/$.ccls. and ((slab$1 planar$2 chip$2 bloc$2) near2 (wave adj2 guide$2) same (AWG or (array$3 with waveguide with grating$2)))	US-PGPUB; USPAT	OR	ON	2005/06/08 14:19
S87	4	S86 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/06/08 14:19
S88	6	S78 and (birefring$5)	US-PGPUB; USPAT	OR	ON	2005/06/08 15:19
S89	0	S78 and (bi adn2refring$5)	US-PGPUB; USPAT	OR	ON	2005/06/08 15:19
S90	0	S78 and (bi adj2 refring$5)	US-PGPUB; USPAT	OR	ON	2005/06/08 15:19
S91	17	S81 and (birefring$5 with delay$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 15:41
S92	9	S75 and (birefring$5 with delay$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 15:21
S93	16	S78 and (Si silic$4 glass)	US-PGPUB; USPAT	OR	ON	2005/06/08 15:58
S94	161	S75 and (Si silic$4 glass)	US-PGPUB; USPAT	OR	ON	2005/06/08 15:58
S95	3	S78 and (hous$4 casing)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:17
S96	0	385/192.ccls. and ((MZI or interferometer$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:18
S97	0	385/192.ccls. and ((MZI or interferometer$3) same plurality)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:18
S98	0	385/192.ccls. and ((MZI or interferometer$3))	US-PGPUB; USPAT	OR	ON	2005/06/08 16:18
S99	0	385/92.ccls. and ((MZI or interferometer$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:18
S100	0	385/92.ccls. and ((MZI or interferometer$3) same plurality)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:18
S101	14	385/92.ccls. and ((MZI or interferometer$3))	US-PGPUB; USPAT	OR	ON	2005/06/08 16:19
S102	9	385/92.ccls. and ((MZI or interferometer$3)) and (hous$4 casing enclos$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:19
S103	27693	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22

S10 4	11066	S103 and ((MUX OR DMUX) or (multiplex$4 or demultiplex$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S10 5	924	S104 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S10 6	687	S105 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S10 7	478	S105 and (phase same (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S10 8	305	S105 and (phase with (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S10 9	1323	"l7" and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 0	162	S108 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 1	39	S110 and (coupl$4 with ratio$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22

S11 2	9	S111 and (((MUX OR DMUX) or (multiplex$4 or demultiplex$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 3	7	S112 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 4	234	S107 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 5	54	S114 and (coupl$4 with ratio$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 6	13	S115 and (((MUX OR DMUX) or (multiplex$4 or demultiplex$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 7	10	S116 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 8	162	S108 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S11 9	305	S105 and (phase with (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order) (multipl$3 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22

S12 0	39	S110 and (coupl$4 with ratio$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S12 1	143	S105 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S12 2	121	S121 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S12 3	86	S122 and ("delay line")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S12 4	27693	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S12 5	11066	S124 and ((MUX OR DMUX) or (multiplex$4 or demultiplex$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S12 6	924	S125 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S12 7	24	S126 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22

S128	667	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S129	199	S128 and ((MUX OR DMUX) or (multiplex$4 or demultiplex$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S130	28	S129 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S131	12	S129 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S132	1	("0382461").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2005/06/08 16:22
S133	0	EP0382461	US-PGPUB; USPAT	OR	ON	2005/06/08 16:22
S134	0	EP0382461	US-PGPUB; USPAT; EPO	OR	ON	2005/06/08 16:22
S135	0	EP1426800	US-PGPUB; USPAT; EPO	OR	ON	2005/06/08 16:22
S136	0	("ep1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/08 16:22
S137	2	("1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/08 16:22
S138	0	("0382461").PN.	EPO; JPO	OR	OFF	2005/06/08 16:22
S139	0	"0382461".xa.	EPO	OR	ON	2005/06/08 16:22
S140	4	(("20020172447") or ("20020044712") or ("5596661") or ("5488680")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/08 16:22
S141	294	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/06/08 16:22

S14 2	3	S141 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S14 3	28085	(S124 or S128 or S141)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S14 4	25252	S143 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S14 5	549	S144 and ((MUX DMUX multiplex$4 demultiplex$4) with (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S14 6	7	S144 and ((MUX DMUX multiplex$4 demultiplex$4) with (MZI interferometer (mach adj3 zehnder)) same (delay near2 line$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S14 7	56	S144 and ((MUX DMUX multiplex$4 demultiplex$4) with (MZI interferometer (mach adj3 zehnder))and (delay near2 line$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S14 8	0	S147 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S14 9	2	S147 and (phase with (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22

S15 0	52	S147 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S15 1	160	S143 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S15 2	85	S151 and (delay$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S15 3	18	S152 and ((slab$2 or bloc$4) with (waveguide$3 or fiber$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S15 4	42	S152 and ((slab$2 or bloc$4 planar$4 or chip$3) with (waveguide$3 or fiber$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S15 5	24	S154 not S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S15 6	22	(US-20040081393-$ or US-20030086647-$ or US-20030072522-$ or US-20050105865-$ or US-20050089274-$ or US-20030063860-$ or US-20020131693-$ or US-20020102052-$ or US-20030053754-$ or US-20020015554-$ or US-20010010739-$).did. or (US-6882772-$ or US-6870974-$ or US-6636662-$ or US-6192167-$ or US-6002522-$ or US-6741763-$ or US-6892021-$ or US-6185345-$ or US-6711313-$ or US-6690855-$ or US-6836601-$).did.	US-PGPUB; USPAT	OR	ON	2005/06/08 16:22

S157	11	S156 and (AWG or (array$4 with waveguide$3 with grating$2))	US-PGPUB; USPAT	OR	ON	2005/06/08 16:22
S158	1	S152 and ((MUX DMUX multiplex$4 demultiplex$4) same (MZI interferometer (mach adj3 zehnder)) same (delay near2 line$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S159	4	S152 and ((MUX DMUX multiplex$4 demultiplex$4) same (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S160	24	S152 and ((MUX DMUX multiplex$4 demultiplex$4) and (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S161	8	("3600594" | "4296319" | "5373526" | "5414548" | "5448417" | "5793907" | "5800950" | "6205092").PN. OR ("6456760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:22
S162	24	S160 and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S163	1	("20040136647").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/08 16:22
S164	15	S156 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S165	15	S156 and (phase near3 (polynomial$2 quadratic$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22

S166	15	S156 and (phase with (polynomial$2 quadratic$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S167	381	S144 and (phase with (polynomial$2 quadratic$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S168	32	S167 and ((MUX DMUX multiplex$4 demultiplex$4) same (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S169	2	S168 and (delay near2 line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S170	27693	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S171	667	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S172	294	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/06/08 16:22
S173	28085	(S170 or S171 or S172)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22

S17 4	160	S173 and (phase near3 (polynomial$2 quadratic$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S17 5	85	S174 and (delay$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S17 6	42	S175 and ((slab$2 or bloc$4 planar$4 or chip$3) with (waveguide$3 or fiber$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 16:22
S17 7	9	S151 and (housing casing enclosure)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:28
S17 8	7	S151 and ((housing casing enclosure) with fiber$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:29
S17 9	0	(S172 S171) and ("delay line") and ((housing casing enclosure) with fiber$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:30
S18 0	2	(S172 S171) and (delay) and ((housing casing enclosure) with fiber$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:31
S18 1	945	"385"/$.ccls. and (housing with fiber$4 with hold$)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:54
S18 2	11	"385"/$.ccls. and (housing with fiber$4 with hold$) same (multiplex$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:33
S18 3	11	"385"/$.ccls. and (housing with fiber$4 with hold$) same (multiplex$4 mux dmux demultiplex$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:34
S18 4	4	"398"/$.ccls. and (housing with fiber$4 with hold$) same (multiplex$4 mux dmux demultiplex$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:34
S18 5	4	("4750802" | "5136671" | "5473719" | "5522004").PN. OR ("6882772"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:35
S18 6	0	S185 and (hous$4 casing)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:38
S18 7	2	(S171 S172) and (dispersion with cascad$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:38

S188	2	(S171 S172) and (dispersion with series with connect$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:39
S189	0	"385"/$.ccls. and ((housing with fiber$4 with hold$) same (delay))	US-PGPUB; USPAT	OR	ON	2005/06/08 16:54
S190	19	"385"/$.ccls. and (((housing casing) with fiber$4) same (delay))	US-PGPUB; USPAT	OR	ON	2005/06/08 16:56
S191	0	"385"/$.ccls. and (((housing casing) with (MUx dmux multiplex$4 demultiplex$4)) same (delay))	US-PGPUB; USPAT	OR	ON	2005/06/08 16:56
S192	124	"385"/$.ccls. and ((housing casing) with (MUx dmux multiplex$4 demultiplex$4))	US-PGPUB; USPAT	OR	ON	2005/06/08 16:57
S193	60	"385"/$.ccls. and ((housing casing) with (MUx dmux multiplex$4 demultiplex$4) with fiber$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 17:00
S194	4	"385"/$.ccls. and ((housing casing) with (MUx dmux multiplex$4 demultiplex$4) with hold$4 with fiber$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:59
S195	5	"385"/$.ccls. and ((housing casing) with (MUx dmux multiplex$4 demultiplex$4) with support$4 with fiber$4)	US-PGPUB; USPAT	OR	ON	2005/06/08 16:59
S196	13	S93 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/06/08 17:00
S197	45	S193 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/06/08 17:00